



424 Rec'd PCT/PTO 24 JUL 2000

Attorney Docket: P03815US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ROTHSCHILD ET AL. GROUP ART NO:
SERIAL NO: 09/380,419
FILED: September 1, 1999
TITLE: MELANOCORTIN-4 RECEPTOR GENE AND USE AS A
GENETIC MARKER FOR FAT CONTENT, WEIGHT GAIN,
AND/OR FEED CONSUMPTION OF ANIMALS

TRANSMITTAL LETTER

Assistant Commissioner for Patents
ATTN: Box Missing Parts
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts of an
Application with filing date granted, enclosed please find the
following documents:

- (1) Declaration Not Accompanying Application, dated July
16, 2000, July 16, 2000, and July 14, 2000 by the
inventors (Max F. Rothschild, Kwan Suk Kim, and Niels
J. Larson);
- (2) \$65.00 surcharge fee; Repln. Ref: 08/23/2000 ERIMANDO 0008385200
DAH:260084 Name/Number:09380419
FC: 704 \$65.00 CR
- (3) A copy of the Notice to File Missing Parts of
Application.

If any additional fees are needed, please charge Deposit
Account No. 26-0084.

Adjustment date: 08/23/2000 ERIMANDO
07/28/2000 ERIMANDO 00000053 09380419
01 FC:254 -65.00 OP

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this paper and the documents referred to as enclosed are
being deposited with the United States Postal Service as First Class mail in
an envelope addressed to: Assistant Commissioner for Trademarks, BOX MISSING
PARTS, Washington, D.C. 20231, on this 19th day of July, 2000.

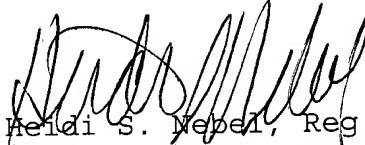
07/28/2000 ERIMANDO 00000053 09380419

01 FC:254

65.00 OP

Heidi S. Nebel

Respectfully submitted,



Heidi S. Nebel, Reg. No. 37,719
ZARLEY, McKEE, THOMTE, VOORHEES
& SEASE

801 Grand Avenue, Suite 3200
Des Moines, Iowa 50309-2721

Phone No. (515) 288-3667

Fax No. (515) 288-1338

CUSTOMER NO: 22885

Attorneys of Record

- jc -

09/380419



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
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P03815US1

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
HEIDI S NEBEL	5071	PCT/US99/16862
ZARLEY MCKEE THOMTE VOORHEES & SEASE		INTERNATIONAL APPLICATION NO.
801 GRAND AVENUE		
SUITE 3200		LAU/EN/DOCT 99
DES MOINES IA 50309-2721		PRIORITY DATE 7/7/98
		DATE MAILED 06/30/00

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

- The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as
 - ☒ a Designated Office (37 CFR 1.494),
 - ☐ an Elected Office (37 CFR 1.495):
 - ☒ U.S. Basic National Fee.
 - ☒ Copy of the international application in:
 - ☐ a non-English language.
 - ☒ English.
 - ☐ Translation of the international application into English.
 - ☐ Oath or Declaration of inventor(s) for DO/EO/US.
 - ☐ Copy of Article 19 amendments.
 - ☐ Translation of Article 19 amendments into English.
 - ☐ The International Preliminary Examination Report in English and its Annexes, if any.
 - ☐ Translation of Annexes to the International Preliminary Examination Report into English.
 - ☐ Preliminary amendment(s) filed _____ and _____
 - ☒ Information Disclosure Statement(s) filed Sept 1, 1999 and Feb 29, 2000.
 - ☐ Assignment document.
 - ☐ Power of Attorney and/or Change of Address.
 - ☐ Substitute specification filed _____
 - ☐ Verified Statement Claiming Small Entity Status.
 - ☐ Priority Document.
 - ☒ Copy of the International Search Report ☒ and copies of the references cited therein.
 - ☒ Other: 316
- The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
 - ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
 - ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
 - ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
 - ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
 - ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
- Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☒ 21 OR ☐ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

- Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.
- ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed:

☐ PCT/DO/EO/917

☐ Notice of Defective Translation

☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

John Anderson
 Telephone: 703 272-6111